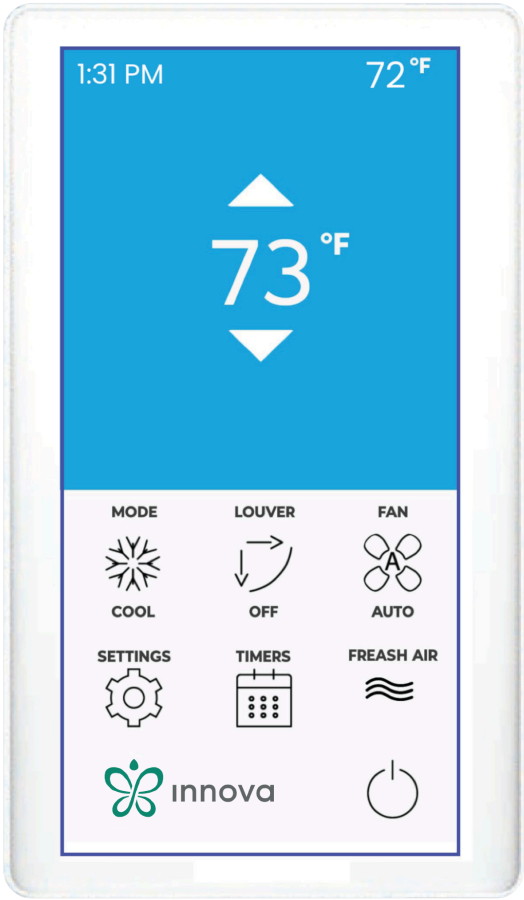
AIO® Advanced Touch Controller TFTH20

User Guide



innova

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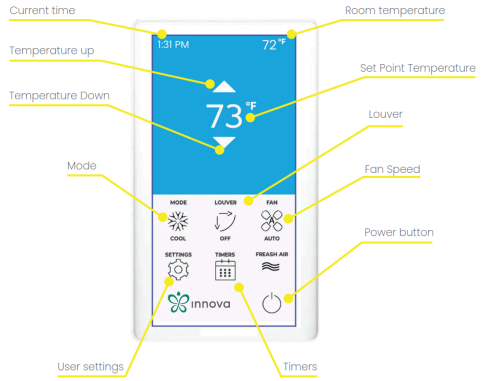
5.1. Cleaning 12

1. OVERVIEW

The TFTH20 Advanced Touchscreen Controller gives you complete control of all the functions of your AIO®. It is completely programmable which allows you to set when the AIO® comes on and turns off, even when you're not present. Using this feature can result in big savings on your power bill and reduces excess wear on the AIO®.

The controls are simple and intuitive to use, allowing you to quickly control.

Figure 1. TFTH20 Advanced Touchscreen Controller (Overview)



1.1. Overview

The Touchscreen lets you select from six (6) operational modes, giving you complete control of the climate for the space in which it is installed.

Cool
Lets you cool the space according to the set temperature, and dehumidifies and filters the air.

Dehumidify
Removes humidity (moisture) from the space and filters the air, providing a slight cooling effect.

Fan only
Circulates and filters the air without affecting the temperature.

Auto
Lets you set a target temperature and the unit will automatically cool or heat the space as needed to maintain that temperature. This function also dehumidifies and filters the air.

Heat
Lets you heat the space according to the set temperature, and dehumidifies and filters the air.

Fresh Air
Lets you operate the ERV fresh air unit, bringing fresh air to the room. First press turns it On second press will turn it off.

2. OPERATIONS

2.1. Cool

1. If the unit is off, **press the** **button** once to turn it on. (Pressing the button again turns the unit off.)
2. **Press the MODE button** until Cool appears.
3. **Set the target temperature.**
   a. **Press the** **button** once to decrease the temperature by 1°F (0.6°C).
   b. **Press the** **button** once to increase the temperature by 1°F (0.6°C).
4. **Set the fan speed by pressing the** **button** until the desired speed is displayed. For more instructions about fan speed, see Setting Fan Speed below.

2.2. Heat

1. If the unit is off, **press the** **button** once to turn it on. (Pressing the button again turns the unit off.)
2. **Press the MODE button** until Heat appears.
3. **Set the target temperature.**
   a. **Press the** **button** once to decrease the temperature by 1°F (0.6°C).
   b. **Press the** **button** once to increase the temperature by 1°F (0.6°C).
4. **Set the fan speed by pressing the** **button** until the desired speed is displayed. For more instructions about fan speed, see Setting Fan Speed below.

2.3. Dehumidify

1. If the unit is off, **press the** **button** once to turn it on. (Pressing the button again turns the unit off.)
2. **Press the MODE button** until Dry appears.

There is no option to select fan speed on dry.

2.4. Fan only

1. If the unit is off, **press the** **button** once to turn it on. (Pressing the button again turns the unit off.)
2. **Press the MODE button** until Fan Only appears..
3. **Set the fan speed by pressing the** **button** until the desired speed is displayed. For more instructions about fan speed, see Setting Fan Speed below.

2.5. Auto

1. If the unit is off, **press the** **button** once to turn it on. (Pressing the button again turns the unit off.)
2. **Press the MODE button** until Auto appears.
3. **Set the target temperature.**
   a. **Press the** **button** once to decrease the temperature by 1°F (0.6°C).
   b. **Press the** **button** once to increase the temperature by 1°F (0.6°C).
4. **Set the fan speed by pressing the** **button** until the desired speed is displayed. For more instructions about fan speed, see Setting Fan Speed below.

2.6. Selecting fan speed

When the unit is operating on fan only, cool, heat, or automatic, you can adjust the fan speed by pressing the button until the fan speed display is at the desired speed.

1. To select Low, **press the** **button** until ?? appears
2. To select Medium, **press the** **button** until ?? appears
3. To select High, **press the** **button** until ?? appears
4. To select Auto, **press the** **button** until ?? appears

Text will also appear that indicates fan speed.

2.7. Louver

Your AIO® is equipped with oscillating louvers that, when turned on, alternate the air flow between the floor and ceiling. When turned off, the louvers remain in their last position when the louver button is pressed.

- **Make sure that the unit is on and operating**
- To oscillate the louvers, **press the button (highlighted right)** . Text will appear that indicates that the louvers are either fixed or oscillating.
- To disable the oscillating function, **press the button** again when the louvers are in the desired position.

2.8. Fresh Air

If your AIO® is equipped with an ERV – fresh air system, If the unit is Off, **press the button** once to turn it On. Pressing the button again turns the unit Off.

3. SET UP

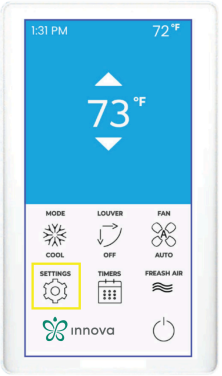
3.1. Setting the Date/Time

Setting the correct date and time is very important to the proper operation of your unit. To set the date/time, follow these instructions:

Step 1

From the home screen, **press** **the button**.

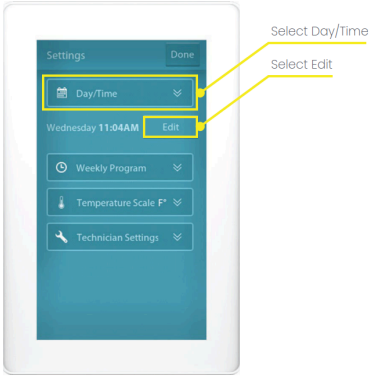
Figure 2. Pressing the settings button



Step 2

From this screen, **select Day/Time and then select Edit.**

Figure 3. Selecting Day/Time then Edit



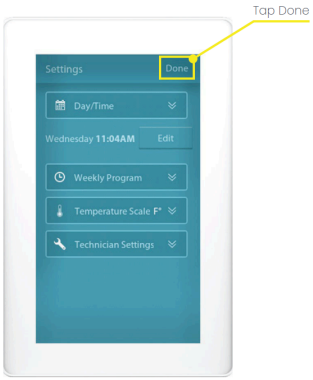
Step 3
From this screen, **select day of the week, set current time, select am or pm, and tap Done when finished.**

Figure 4. Selecting day of the week, current time, and am or pm



Step 4
Then **tap Done** on the Settings screen.

Figure 5. Tapping done on settings

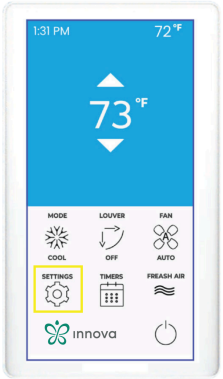


3.2. Changing the temperature units

The Advanced Touchscreen Controller can display temperature readings in both Fahrenheit and Celsius, depending upon your preference. To change the temperature unit of measurement, follow these instructions:

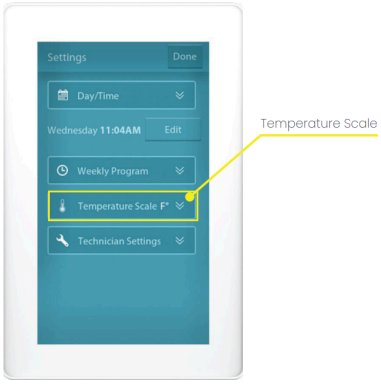
Step 1
From the home screen, **press** ⚙ **the button**.

Figure 6. Pressing the settings button



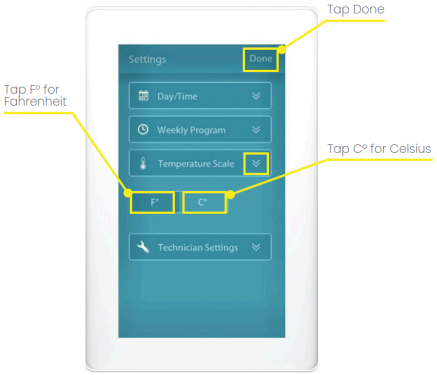
Step 2
From this screen, **select the Temperature Scale**.

Figure 7. Selecting the temperature scale



Step 3
Select F° for Fahrenheit, C° for Celsius, and tap Done when finished.

Figure 8. Selecting F°/C° then tapping done



3.3. Room Temperature on Display

The Room Temperature Display is designed to provide real-time monitoring of ambient temperature for optimal comfort and efficiency. It features an easy-to-read digital display, accurate temperature sensing, and customizable settings.

1. From the home screen, **press the setting button.**
2. From this screen below, press the **Room To Display** button.
3. Then **select to show and not show.**

Figure 9. Setting up room temperature on display



4. SCHEDULING

4.1. Overview

One of the best features of the TFTH20 Touchscreen Controller is the ability to program it for a week at a time and/ or when you are away on vacation. This allows you to lessen the amount of heating and cooling when you are not occupying the space or sleeping, potentially resulting in significant savings on your power bill.

The weekly schedule on the Advanced Touchscreen Controller can be completely customized to suit your individual preferences. There are three (3) essential settings to consider when making changes to the weekly schedule:

1. **Target Temperature** – Allows you to set the temperature for each scheduled event type , i.e., Home, Away, Sleep.
2. **Start Time** – Establishes the start time for each event.
3. **Events** – Defines when you will be home, away from home, asleep, or when you want the unit to turn off.

The controller then has the following program default settings which can be easily changed

4.2. Available Events:

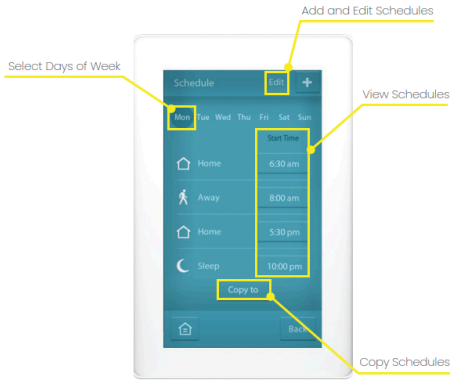
- Away – Use when the home is not occupied
- Home – Use when you are at home
- Sleep – Use during sleeping hours
- Off – Turns the unit off

Monday to Friday	**Home**	**Away**	**Home**	**Sleep**
Start Time	6:30 AM	8:00 AM	5:30 PM	10:00 PM
Set Point	74°F (23.3°C)	74°F (23.3°C)	74°F (23.3°C)	74°F (23.3°C)
Saturday	**Home**	**Away**	**Home**	**Sleep**
Start Time	7:30 AM	12:30 PM	6:00 PM	11:30 PM
Set Point	74°F (23.3°C)	74°F (23.3°C)	74°F (23.3°C)	74°F (23.3°C)
Sunday	**Home**	**Away**	**Home**	**Sleep**
Start Time	7:30 AM	12:30 PM	6:00 PM	11:30 PM
Set Point	74°F (23.3°C)	74°F (23.3°C)	74°F (23.3°C)	74°F (23.3°C)

4.3. Schedule Screen

From the Schedule screen, you can easily make most of the changes to the weekly schedule. To access the Schedule screen, do the following:

Figure 10. Schedule screen



4.4. Enabling/disabling weekly schedules

To enable this, or any other program you have stored, use the Enable/Disable function to activate the schedule.

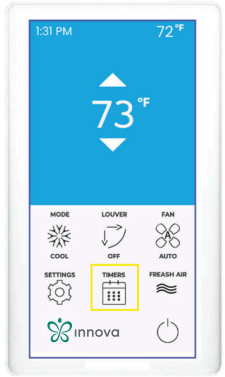
⚠WARNING

Operational changes—such as changing the mode, fan speed, etc.— will revert to the next scheduled event.can only be made when the weekly schedule function is disabled.

Step 1

From the home screen, **press** **the button.**

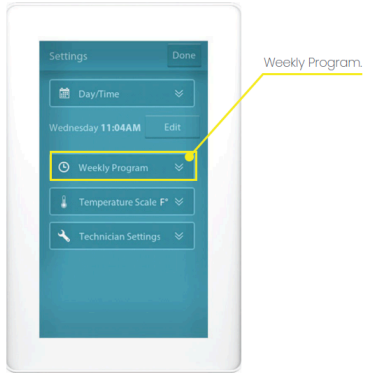
Figure 11. Pressing the timers button



Step 2

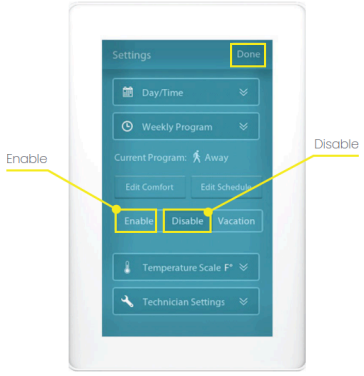
From this screen, **select Weekly Program.**

Figure 12. Selecting weekly program



Step 3
Select Enable to operate the unit according to the set weekly program, and **Disable** to operate it manually. **Tap Done** when finished.

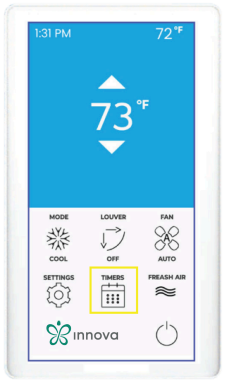
Figure 13. Selecting enable/disable then done



4.5. Setting the target temperature

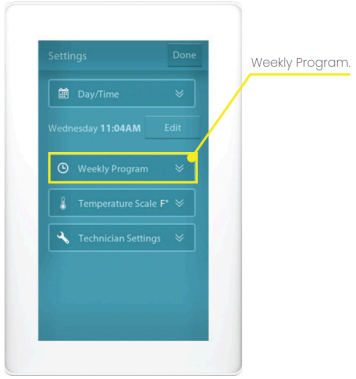
Step 1
From the home screen, press the button.

Figure 14. Pressing the timers button



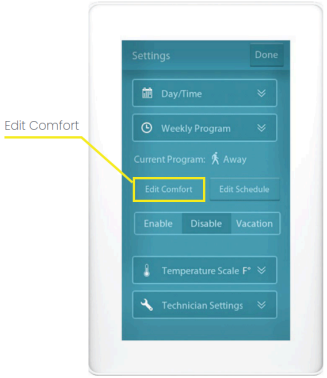
Step 2
From this screen (below), **select Weekly Program.**

Figure 15. Selecting weekly program



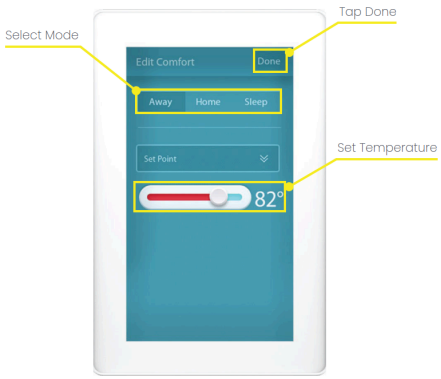
Step 3
From this screen (below), **select Edit Comfort.**

Figure 16. Selecting edit comfort



Step 4
Select which mode you wish to edit (Away, Home, or Sleep) and **use the slider** to set the desired temperature. You can set the target temperature for all three (3) events in this step. **Tap Done** when you are finished.

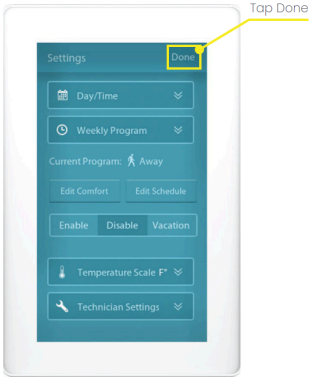
Figure 17. Selecting mode



4.6 Making changes to the weekly schedule

Step 5
Then **tap Done** on the Settings screen when you are finished.

Figure 18. Tapping done

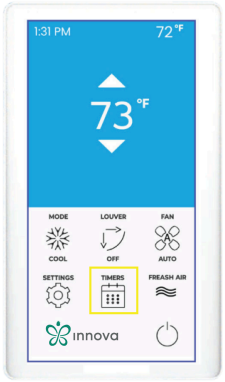


4.7. Changing the start time of an event

Since most of the events you will need are preprogrammed, all you may need to do is change the start time for each event. To edit the start time, follow these steps:

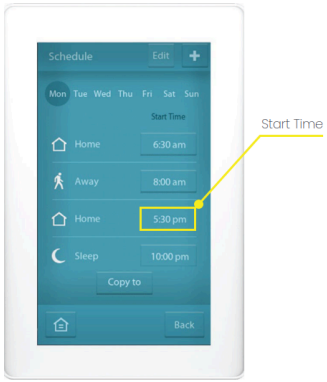
Step 1
From the home screen, **press** **the button.**

Figure 19. Pressing the timers button



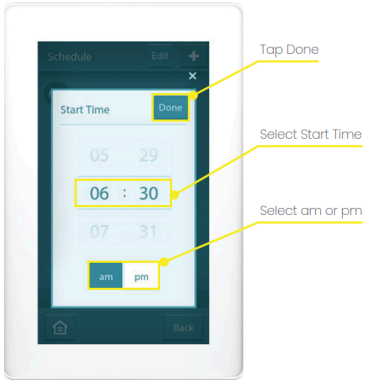
Step 2
From this screen **select the start time** you wish to edit.

Figure 20. Selecting the start time



Step 3
From this screen, **select the desired start time, select am or pm, and then tap Done** when finished.

Figure 21. Selecting desired start time, am or pm, then tapping done



4.8. Adding an Event

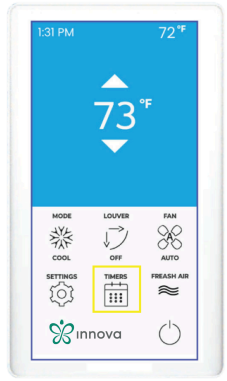
If you need to add an event (Home, Away, Sleep, Off), this can be done by following these steps:

⚠ WARNING

When an event is added, it will be added to the bottom of the event list. Its position on the list can be changed by changing its start time.

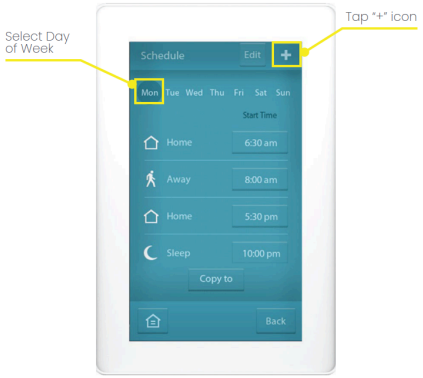
Step 1
From the home screen, **press** **the button.**

Figure 22. Pressing the timers button



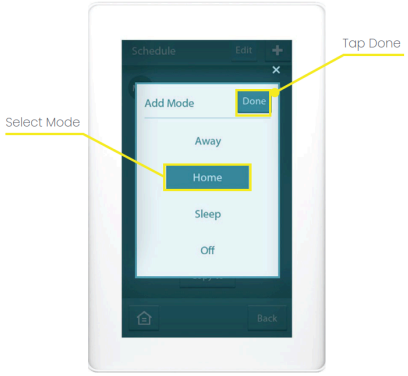
Step 2
From this screen (below), **select the day of the week** to which you wish to add an event, and then **tap the "+" icon.**

Figure 23. Selecting day of week then tapping + icon



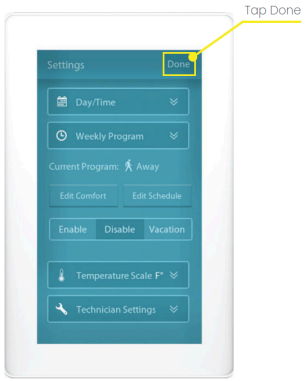
Step 3
From this screen (below), **select the desired event** and **tap Done** when finished.

Figure 24. Selecting desired event then tapping done



Step 4
Then **tap Done** on the Settings screen.

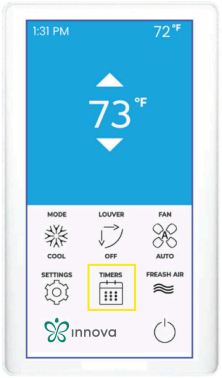
Figure 25. Tapping done



4.9. Editing and deleting events

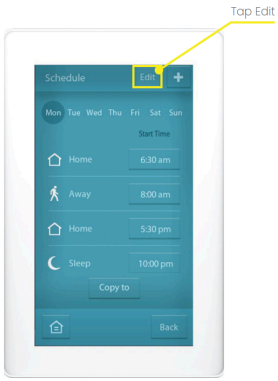
Step 1
From the home screen, **press** the button.

Figure 26. Pressing the timers button



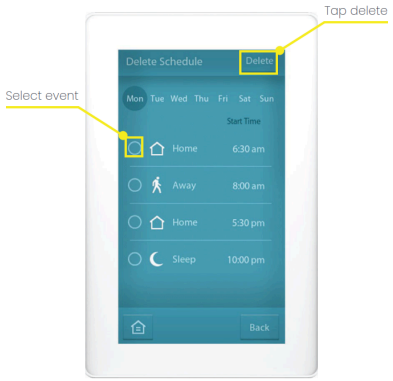
Step 2
From this screen (below), **select Edit.**

Figure 27. Selecting edit



Step 3
Select the event you wish to delete and then tap Delete.

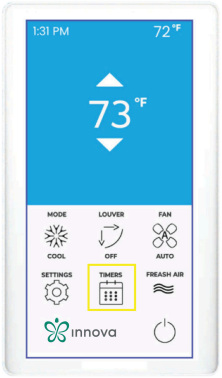
Figure 28. Selecting event then tapping done



4.10. Copying events

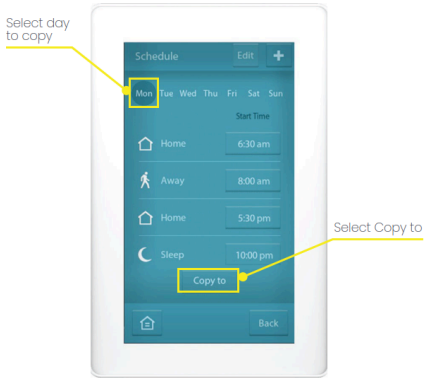
Step 1
From the home screen, **press** the button.

Figure 29. Pressing the timers button



Step 2
From this screen (below), **select the day** you wish to copy and then **select Copy** to in order to copy that day's events.

Figure 30. Selecting the day and copy



Step 3
Select the day or days (you can select more than one day at a time) you wish to paste the schedule to and **tap Done** when finished.

Figure 31. Selecting day/days then tapping done

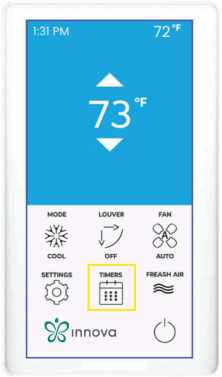


4.11. Vacation mode

Vacation mode allows you to set a temperature for a period of time you are away from home.

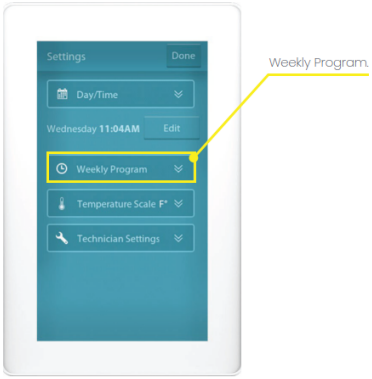
Step 1
From the home screen, **press** **the button.**

Figure 32. Pressing the timers button



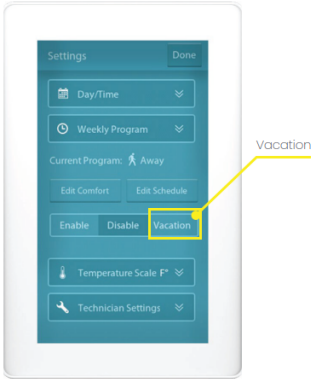
Step 2
From this screen (below), **select Weekly Program.**

Figure 33. Selecting weekly program



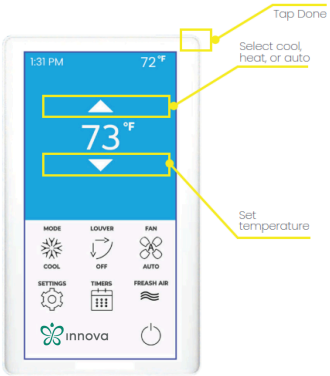
Step 3
From this screen (below), **tap Vacation.**

Figure 34. Tapping vacation



Step 4
From this screen (below), **select Set point cool, Set point heat, or Set point auto. Use the slider** to set the desired temperature, and **tap Done** when finished.

Figure 35. Tapping vacation



5. CARE

The TFTH20 Advanced Touchscreen Controller should require very little maintenance other than inspection. Always seek the service of a qualified HVAC technician for any repairs. Do not attempt to repair any of the equipment yourself.

⚠ WARNING

DO NOT attempt to repair or conduct maintenance on any of the components unless you are properly trained and/or certified in HVAC repair. Repair attempts by unqualified persons may **result in death, serious injury, and/or property damage.**

5.1. Cleaning

To clean the Touchscreen Controller, wipe the surface with a dry cloth. For persistent stains, dampen a clean cloth with distilled water and wring out all of the excess water. Wipe the stain away and then dry the controller with a clean, dry cloth.

⚠ WARNING

Do not clean the Touchscreen Controller with flammable or oil-based cleaner or solvent. The use of flammable liquids near the Touchscreen Controller may result in fire, death, serious injury, and/or property damage.

With over 20 years of experience in the climate comfort sector, we have a clear goal: growth through innovation. Our team is laser-focused on the conception, development, and production of innovative heating, ventilation, and air conditioning solutions. This mission has developed through bringing together technical skills, creativity, technology, design, Italian passion, and a global vision to achieve the best energy efficiency and performance.

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MADE IN ITALY

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